

ABSTRACT OF THE DISCLOSURE

A circuit arrangement with a voltage link converter includes a link capacitor and circuit branches arranged parallel thereto. The circuit branches each include circuit elements, connected in series. A short circuit thyristor is provided to protect against short circuit currents. A short circuit protection arrangement is provided for connection to the link circuit capacitor and the circuit branches. The above includes a parallel connection of the short circuit thyristors with opposed conducting pairs of protective diodes connected in series. The short circuit protection arrangement is connected parallel to the link circuit capacitor and each connection point between two circuit elements of a circuit branch which are connected in series, is connected to a connection point between two protection diodes of the short circuit protection arrangement which are connected in series.